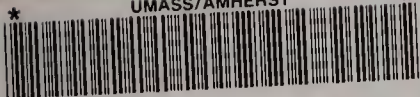


*

UMASS/AMHERST

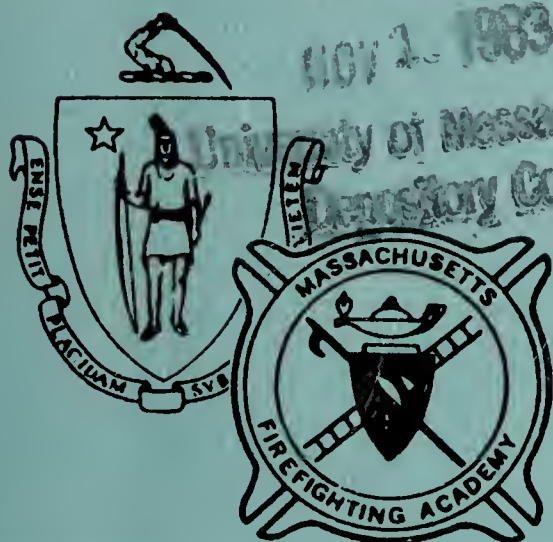
*



312066 0271 3370 8

ANNUAL REPORT

FISCAL YEAR 1982



MASSACHUSETTS FIRE TRAINING COUNCIL

RICHARD N. BANGS

CHAIRMAN

MASSACHUSETTS FIREFIGHTING ACADEMY

STEPHEN D. COAN

DIRECTOR

ANNUAL REPORT Fiscal Year 1982

Chapter 842 of the Acts of 1971 established the Massachusetts Firefighting Academy and assigned it to the Division of Occupational Education in the Department of Education. Chapter 966 of the Acts of 1973 provided for the financial funding of the Academy by reimbursement to the State by insurance companies writing fire, homeowners multiple peril or commercial multiple peril policies on property situated in the Commonwealth. The entire sum was not to exceed \$500,000. In 1980, the legislature provided an increase in the financial ceiling from \$500,000 to \$600,000.

The Academy operates three facilities - one in Sudbury, Stow, and Hopkinton. The Sudbury facility houses the administrative offices of the Academy as well as a large auditorium for seminars and four large classrooms for instructional purposes. The Stow site is used for the recruit firefighter training program and field training as well. Stow also houses the Academy's apparatus and equipment.

The Academy also operates a LNG/LPG gas training facility in the Town of Hopkinton. This facility was made available through the courtesies of many private organizations. Time, technical expertise and some financial assistance was generously made available by the National Fire Protection Association, the New England Gas Association, and various other gas related industries throughout the country. The gas facility is equipped with every type of training apparatus that a firefighter may encounter in his profession.

The Massachusetts Firefighting Academy is directed by a Director of Fire Training who oversees the entire operation both administratively and educationally. Assisting the Director of Fire Training is an Assistant Director of Fire Training, three Deputy Directors of Fire Training, and an Administrative Assistant as well as clerical and support staff.

The Academy employs approximately 250 part-time professional instructors who report to program coordinators. The instructors and coordinators are headed by a Director of Technical Operations who reports to the Director and Assistant Director of Fire Training. The instructors hold regular meetings with Academy administrators to ensure that courses are up-to-date and reflect current firefighting practices.

There also exists a Massachusetts Fire Training Council which consists of seven members appointed by the Governor. The Council meets regularly each month and advises the Director of Fire Training on technical procedures of training, minimum training standards and professional qualifications of instructors.

The Massachusetts Firefighting Academy underwent a reorganization in an effort to utilize the severely limited resources, both in terms of finance and personnel, in the most cost-effective manner and to the best advantage of the fire service.

The Academy is divided into five major offices, each having the responsibility of different facets of the Academy operation. In the following pages, we would like to both define the responsibilities of the different offices of the Academy and give a report of their activities during fiscal year 1982.

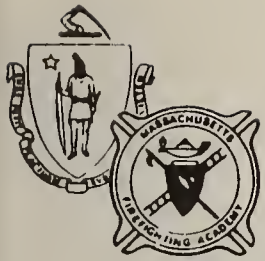
Special Note

As this report was being compiled a major development took place at the Academy. On Saturday, November 6, 1982, the Fire Academy's Basic Training Center was destroyed in a suspicious fire. Investigators from the State Police, Stow Police and the Academy's Arson Division have indicated that the general alarm fire at the Fire Academy's Basic Training Center in the Town of Stow was probable arson.

The three-hour fire fought by some 60 firefighters from the Stow, Hudson and Sudbury Fire Departments completely destroyed the huge building in the early morning hours of Saturday, November 6, 1982. The building was equipped with an automatic fire detection system that is connected to the Hudson Fire Department.

The first alarm was sounded at 3:04 A.M. and by the time the first piece of apparatus reached the isolated building it was already well involved.

This was the second fire at the Stow training site. The first one, on October 16, 1982, destroyed the smoke house which was used to teach students how to work with air masks under heavy smoke conditions. This is also listed as of suspicious origin and is being investigated by the arson team.



MASSACHUSETTS FIRE TRAINING COUNCIL
The Commonwealth of Massachusetts
Department of Education

59 Horse Pond Road, Sudbury, Massachusetts 01776

(617) 443-8926 727-9635

July 1, 1982

His Excellency Edward J. King
Governor of the Commonwealth
Office of the Governor
State House
Boston, Massachusetts 02133

Dear Governor King:

I am herewith submitting the Annual Report of the Massachusetts Fire Training Council as required by Chapter 842 of the Acts of 1971.

Fiscal year 1982 was a year of unique change.

On Friday, May 28, 1982, the Council and the entire fire service community was saddened by the passing away of the Chief Fire Warden Kenton A. Beaujean. In addition to being the State's Chief Fire Warden assigned to the Department of Environmental Management, Ken was also a member of the Massachusetts Fire Training Council. Chief Beaujean was appointed as a member of the Council on April 18, 1980, and was under consideration for reappointment at the time of his death. Assistant Chief Forest Warden Antonio Castro was appointed to fill the vacancy on the Council.

To date current membership, in addition to myself, includes Chief Robert Kirchner of Dalton as Vice-Chairman, Chief George Whalen of Maynard, Chief Louis Shea of Fall River, Deputy Chief Richard Cully of Cambridge, Captain John Kyle of Marlborough, and Chief Forest Warden Antonio Castro.

After having served with great distinction, Chairman Richard Cully expressed his desire to step down as Chairman and continue as a member of the Council. The entire Council expressed its gratitude to Dick for his progressive role as Chairman.

On January 5, 1982, The Commonwealth of Massachusetts was honored when Massachusetts Chief of Fire Training Joseph L. Donovan was selected as Superintendent of the National Fire Academy; the National Fire Academy is located in Emmitsburg, Maryland.

Joe brings with him a wealth of qualifications and knowledge. Since his appointment as Chief of Fire Training in 1978, the Massachusetts Firefighting Academy has climbed the national scale in courses offered and number of firefighters trained.

July 1, 1982

Assistant Director of Fire Training Stephen D. Coan assumed the duties of Interim Director of Fire Training until a permanent appointment is made by the State Board of Education.

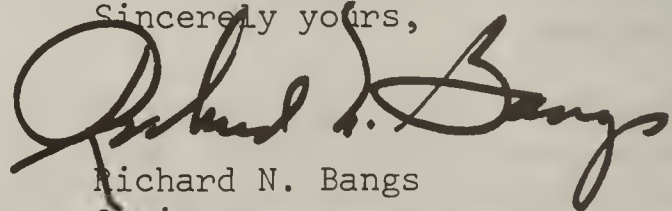
A paramount concern of the Training Council during this fiscal year was one which has concerned us every year in the past. In our capacity as advisors to the Academy, it is painfully apparent that the Academy is working to provide the best service available to the fire service community under the most adverse conditions in terms of both a lack of finances for programs, personnel and equipment as well as a lack of sites with which to present programs. The Recruit Program, long a major accomplishment of the Academy, has had to literally beg and borrow sites for the live fire training so necessary to the success of this and other programs. We are rapidly running out of options. The Training Council has accepted the recommendations of Interim Director of Fire Training, Stephen D. Coan, and is in the process of drafting legislation to increase the Academy's funding base. In accordance with Section 195 of Chapter 175 the insurance companies of the Commonwealth are required to reimburse the State Treasury for the operation of the Academy up to \$600,000. The Council is considering legislation to increase this base to \$900,000.

In addition, we are of the opinion that the Academy is in desperate need of a "burn building." Controlled live fire burns are essential for the effective and efficient operation of our training programs. The time is long overdue for the Commonwealth to act rather than react to the appropriate means of training public safety personnel.

On a positive note, the Training Council continued its efforts in fostering communications and cooperation among the Academy and Training Council and other agencies and entities involved with the fire service. Members of the Council and Academy staff attend monthly meetings of such organizations as the Fire Chiefs' Association of Massachusetts, Massachusetts Institute of Fire Department Instructors, Massachusetts Fire Prevention Association and others to further assist in the administration and delivery of fire training programs.

The Council would like to extend its sincere appreciation to the entire Academy staff for the usual high level of professionalism in the administration and delivery of fire training programs throughout the Commonwealth.

Sincerely yours,



Richard N. Bangs
Chairman

Massachusetts Fire Training Council

RNB/bhs
Enc.

cc: State Board of Education
Commissioner John Lawson
Associate Commissioner David Cronin



MASSACHUSETTS FIREFIGHTING ACADEMY

The Commonwealth of Massachusetts Department of Education

59 Horse Pond Road, Sudbury, Massachusetts 01776

(617) 443-8926 727-9635

July 1, 1982

Mr. Richard N. Bangs, Chairman
Massachusetts Fire Training Council
59 Horse Pond Road
Sudbury, Massachusetts 01776

Dear Chairman Bangs:

As the current fiscal year comes to a close, I am pleased to submit a report on the activities and assignments of the Massachusetts Firefighting Academy. The Academy made great strides in fulfilling its mission of support, assisting and supplementing the training efforts of the 371 organized fire departments within the Commonwealth.

The Academy strove to become more cost effective and efficient in the delivery of its many varied programs and services. This was a difficult task in light of restrictive budget limitations that have forced us to operate at level funding. I firmly believe legislation is needed to increase our "cap" to allow breathing room in order to continue providing fire training programs, and I am pleased that the Council is supporting this endeavor. If it were not for the dedication and assistance of the members of my administrative and instructional staff, the great strides we collectively made would never have become a reality.

As you know, Chief of Fire Training Joseph L. Donovan left the Academy in January to become Superintendent of the National Fire Academy, and I was appointed as Interim Director of the Academy until a permanent appointment is made by the State Board of Education.

Upon my interim appointment, I felt that our managerial titles should be closely reviewed. Academy officials were recognized officially as Chief of Fire Training, Assistant Chief of Fire Training and Deputy Chief of Fire Training. Effective March 4, 1982, each of the position titles were changed to Director of Fire Training, Assistant Director of Fire Training, and Deputy Director of Fire Training.

The above changes are not arbitrarily made but rather after a long and hard look at the functional responsibilities of the Academy and the fire service of Massachusetts. Such changes appear to be in the best interest of both the Academy and the fire service.

Mr. Richard N. Bangs

Page 2

July 1, 1982

The new titles reflect a sincere effort to epitomize the Firefighting Academy as an administrative educational agency in support of the fire service and at the same time respectfully place the title of Fire Chief in its rightful place as head of the operational fire service departments.

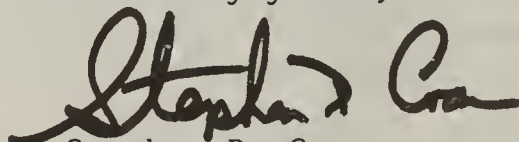
In order to keep in tune with the times and provide the members of the fire service with updated equipment, the Academy has awarded a bid to Emergency One of Florida for a 1,000 GPM two-stage pump. This is the first time the Academy has been in a position to purchase a new piece of fire apparatus.

At the close of the fiscal year, the Academy and Sudbury Board of Selectmen had received a commitment from Senator Chester G. Atkins, Chairman of the Senate Ways and Means Committee for inclusion of proper funding for the Commonwealth to purchase, from the Town of Sudbury, the present building at 59 Horse Pond Road for use by the Fire Academy. Although the Academy has been at its present administrative site for over four years, the State only rented the building from the Town. We are anxious to soon be in a position to have our "own" building.

My foremost goal for the coming year is to see the initiation of plans to build a permanent "burn building" for the Academy and have our annual funding increased to its proper level for the benefit of all in the fire service. The Academy cannot properly fulfill its mission by having to continuously beg and borrow facilities and equipment.

In closing, I would like to thank the Training Council for its advice, guidance and support during the year.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Stephen D. Coan". The signature is fluid and cursive, with a large initial "S" and a stylized "C".

Stephen D. Coan

Interim Director of Fire Training

bhs

**DIRECTOR
OF
FIRE TRAINING**

**STEPHEN D. COAN
DIRECTOR OF FIRE TRAINING**

**KEVIN R. DONOVAN
ADMINISTRATIVE ASSISTANT**

OFFICE OF THE DIRECTOR OF FIRE TRAINING

Interim Director of Fire Training Stephen D. Coan with the assistance of Administrative Assistant Kevin R. Donovan has the responsibility of directing the entire Academy operation as defined by Chapter 842 of the Acts of 1971 which states, in part, ".....the Academy shall be the sole agency of the Commonwealth responsible for the training of firefighters." In addition, the office also holds the responsibility of ensuring that the policies and procedures of the Academy are in keeping with those goals set by the Department of Education.

Financing for the expenses of the Massachusetts Fire Training Council are also under the auspices of this office.

Personnel: A continued state-wide hiring freeze impacted on daily work schedules of existing staff. Each member is to be congratulated on his or her personal efforts to cover personnel shortages by assuring the completion of tasks, thereby continuing the efficient operation of the Academy.

The Board of Education, in a meeting held on December 15, 1981, confirmed the appointment of Kevin Donovan as Administrative Assistant upon release of this "frozen" position. Two other positions remain "frozen."

Five positions within the Fire Academy organization were relocated during this fiscal year as follows:

- 1 Director - To Management Job Group V
- 1 Assistant Director - To Management Job Group III
- 3 Deputy Directors - To Management Job Group III

This reallocation was made under Hays Study approval by the legislature and changes were made without any impairment of Civil Service, seniority, retirement, or any other rights. An appeal is pending for review of Assistant Director reallocation.

Effective October 27, 1981, Stephen Coan was confirmed by the Board of Education as Acting Assistant Chief of Fire Training; and on January 24, 1982, was designated as Interim Director of the Massachusetts Firefighting Academy replacing Joseph L. Donovan who resigned to accept a position with the Federal Government.

Fiscal Year 1982 was a year of administrative reorganization. It was the collective feeling of the Academy staff that a redefinition of administrative placements was needed to effectively and efficiently provide for the delivery of fire training programs.

To this end, the Academy was divided into five major offices being:

1. Office of Director of Fire Training
2. Office of Administrative Services
3. Office of the Registrar
4. Office of Basic Skills Development
5. Office of Technical Operations

The Office of Administrative Services headed by Deputy Director Francis E. Winslow was assigned responsibility in the areas of fiscal management and maintenance.

Office of the Director of Fire Training, continued

The Office of the Registrar headed by Registrar Pamela A. Hunde was assigned the responsibility of coordinating and assigning all regional programs, impact series, industrial office and special programs.

The Office of Basic Skills Development headed by Deputy Director Linwood E. Lowell was assigned the responsibility of the Basic Recruit Fire Training Course, the LNG/LPG Gas Training Program and Rural Firefighting Programs.

The Office of Technical Operations headed by Paul Anderson is responsible for all Academy instructors and instructor certification, the Technical Review Committee, course development, Fire Officer and Fire Prevention courses.

For additional information pertaining to the activities of the Office of the Director of Fire Training, please see the two preceding introductory letters.

ADMINISTRATIVE SERVICES

FRANCIS E. WINSLOW
DEPUTY DIRECTOR

LESLIE HOFFMAN
PRINCIPLE CLERK

OFFICE OF ADMINISTRATIVE SERVICES

Included in the daily routines of the Office of Administrative Services in the areas of personnel, fiscal control, buildings, grounds and equipment maintenance, purchasing and logistics, the following activities of special interest should be noted:

Buildings, Grounds and Equipment Maintenance: Continued repairs to the Stow training building were carried out including many window replacements, overhead door operations and establishment of new flammable pit facilities.

The continuation of a sound maintenance program once again assured the maintenance and repair of 95% of all equipment within the Academy's own shop reflecting great savings to the Commonwealth of Massachusetts while at the same time reflecting less "down time" on use of said equipment.

Fiscal Controls: Once again the effect of a "locked-in" budgetary cap curtailed any flexibility within amounts of appropriations available under the various subsidiary accounts. It became very obvious during this fiscal year that the same dollar shrinkage would be apparent as in the past years, thus frustrating the ability to expend budgetary figures beyond the normal essential fixed expenses. This, consequently, causes a reduction in available training monies. A request for raising of "cap" limitations has been recommended by this office for corrective action.

Media Center and Print Shop:

The Media Center and Print Shop have been the recipients of several pieces of surplus equipment which have further enhanced the operation of both sections.

The Media Center now has a fully staffed "dark room" which has eliminated the costly practice of sending film out to be developed. In addition a photo lab reducer was installed enabling staff access to fit training photographs to required needs. The Print Shop has acquired several offset presses and plate makers to reduce out-of-shop printing expenses to a minimum.

REGISTRAR

PAMELA A. HUBERT
REGISTRAR

LINDA DEWOLFE
CLERK

OFFICE OF THE REGISTRAR

The Office of the Registrar serves primarily two functions...that of student services such as records and transcripts and that of program scheduling for the Office of Field Programs.

The original concept of the office has changed over the past year in an attempt to reflect the changes that are taking place in today's fire service in the Commonwealth. A lot of time and energy has been spent meeting with various organizations representing different aspects of the fire service to see which direction best reflects the needs of all fire departments within the State regardless of the type or size of department. Over the past year the idea of running the Field programs on a semester concept has proven to be extremely successful with a few minor adjustments simply in the timing of scheduling. This concept has allowed the Office of the Registrar to schedule programs to meet the needs of a particular area at a time when peak attendance can be guaranteed. By changing to this type of system, the Academy has now made it possible for students to schedule their attendance at Academy Field programs for some time in advance to avoid conflict with any other courses they may be taking. As can be seen on the following pages, the Academy continues to reach large numbers of personnel throughout the State with quality programs.

In the Student Services Division of the Registrar's Office, perhaps the most important change was the Academy's acquisition of a computer. This has allowed the Division to begin to transfer our bulky student record files to a much more efficient computer program, thereby making it easier and faster to provide students with a comprehensive transcript of the programs they have taken through the Massachusetts Firefighting Academy. Obviously the transference of these records onto the computer is a lengthy process and is not going to be accomplished overnight, but it is expected that within the next year the bulk of this information can be transferred. During a time when more and more fire personnel have recognized the importance of continuing their education, whether through the state Academy or through a community college system, or both, it is expected that this division on a programmed, computerized system, will serve an important function for students.

Office of Industrial Training

Coordinators: Stephen P. Clendenin
Paul F. Vincequere

In fiscal year 1982, the Industrial Office experienced a growing demand for Industrial Fire Training programs. In addition to the fundamental training courses requested by clients, several highly specialized programs were developed to meet the expanding needs of Industry.

The Nuclear Power Station programs, as short as a four hour "Fire Watch Training" and as long as a three week "Full Fire Brigade" were presented, with the three week fire brigade program being the first of its type offered in the country.

Training provided to the Massachusetts Maritime Academy was expanded in line with a continuing up-grade of Cadet Training in the particulars of Shipboard Firefighting for Merchant Seamen. Cadets now receive Academy training as Freshmen, Sophomores, and Juniors.

The first 5-Day Comprehensive Fire Training Seminar for Industry was held in April at the Barnstable Training site. Co-sponsored by the Massachusetts Safety Council, the Seminar proved to be of great benefit to Safety and Administrative personnel of both large and small industries. Hands-On and Practical techniques were used in the presentation of the fundamentals of fire control technology with consideration of OSHA Sub-Part L.

In addition, specialized programs including Hi-Rise, Car Fires, Hazardous Materials, Fire Loss Management, and Fire Prevention were custom-tailored for the individual industry. All of the above programs were designed to meet or exceed the OSHA Sub-Part L requirements for Industrial Fire Protection.

While providing fire service to Apple Computer, Inc., the Industrial Office initiated negotiations which led to the Academy acquiring an Apple II Computer. This acquisition has proved to be beneficial in the implementation of budgetary and administrative record keeping.

In conclusion, the Industrial Office continues to offer advanced Fire Training to Industry, and to coordinate their efforts with local Fire Departments.

NUMBER	ENR.	CERT.	STARTING DATE	SUBJECT	LOCATION	PERM	CALL	VOL	NOT DECLARED
-82-20-02-29-12	49	31	8/8/81	Rural Water Supply	Leverett	0	19	30	0
-82-20-02-29-12	31	23	9/19/81	Rural Water Supply	Uxbridge	1	26	2	2
-82-20-01-06-16	36	34	9/26/81	Vehicle Extrication for the EMT	Edgartown	0	0	0	36
-82-20				# CHANGED TO A STOP-FIRE COURSE NO.					
-82-20-01-01-24	30	26	9/15/81	Mini Course	Hatfield	0	30	0	0
-82-20-01-01-24	35	30	9/12/81	Mini Course	Northbridge	7	28	0	0
-82-20-21-05-24	19	13	9/10/81	Fire Investigation Level II	Medford	16	0	0	3
-82-20-00-04-12	27	24	10/3/81	Fire Investigation Level I	Springfield	24	2	1	0
-82-20-21-05-24	20	18	10/17/81	Fire Investigation Level II	Springfield	18	0	1	1
-82-20-01-21-12	33	25	10/14/81	Protective Breathing	Hopedale	4	25	3	1
-82-20-01-06-16	27	24	10/3/81	Vehicle Extrication for the EMT	Nantucket	0	0	0	27
-82-20-01-06-16	22	17	10/14/81	Vehicle Extrication for the EMT	Westport	0	0	0	22
-82-20-02-29-12	54	41	10/31/81	Rural Water Supply	Egremont	0	19	34	1
-82-20-01-01-24	27	19	10/24/81	Mini Course	Barnstable	0	26	1	0
-82-20-01-06-16	19	19	10/31/81	Vehicle Extrication for the EMT	Spencer	0	0	0	19
-82-20-01-21-12	42	33	11/28/81	Protective Breathing	Barnstable	8	31	3	0
-82-20-01-06-16	36	33	11/14/81	Vehicle Extrication for the EMT	Cumington	0	0	0	36
8-82-20-01-20-12	33	31	10/13/81	The Burning Process	Palmer Three (Rivers)	0	33	0	0
-82-20-00-04-12	37	34	11/9/81	Fire Investigation Level I	Avon	10	27	0	0
-82-20-00-04-12	16	16	11/9/81	Fire Investigation Level I	Norwood	13	1	0	2

(A-7)

2000 Account

COURSE NUMBER	ENR.	CERT.	STARTING DATE	SUBJECT	LOCATION	PERM	CALL	VOL	NOT DECLA
238-21-82-20-01-06-16	36	27	11/28/81	Vehicle Extrication for the EMT	Plainville	0	0	0	36
072-22-82-20-01-01-24	30	21	11/14/81	Mini Course	Dartmouth	0	0	0	30
242-23-82-20-21-16-12	11	7	11/7/81	Tactics and Strategy	Provincetown	0	7	3	1
304-24-82-20-01-22-12	36	30	11/15/81	Basic Supply and Attack Lines	Uxbridge	0	0	0	36
279-25-82-20-01-06-16	25	15	11/12/81	Vehicle Extrication for the EMT	Southwick	0	0	0	25
018-26-82-20-21-05-24	25	19	1/5/82	Fire Investigation Level II	Avon	13	12	0	0
237-27-82-20-21-16-12	54	47	1/7/82	Tactics and Strategy	Plainville	0	3	30	21
322-28-82-20-01-20-12	83	72	2/4/82	The Burning Process	W. Boylston	12	50	21	0
256-29-82-20-01-20-12	107	90	2/2/82	The Burning Process	Russell	0	16	86	5
076-30-82-20-01-02-06	59	37	2/21/82	Electricity	Dighton	11	43	4	1
114-31-82-20-21-16-12	63	53	1/5/82	Tactics and Strategy	Greenfield	19	24	14	6
348-32-82-20-00-04-12	47	38	3/29/82	Fire Investigation Level I	Worcester	25	17	0	5
310A-33-82-20-00-04-12	33	32	3/4/82	Fire Investigation Level I	Onset	8	25	0	0
316-34-82-20-00-04-12	56	42	4/5/82	Fire Investigation Level I	Webster	4	45	5	2
141-35-82-20-00-04-12	45	29	4/22/82	Fire Investigation Level I	Hudson	30	9	3	3
201-36-82-20-00-04-12	55	47	3/1/82	Fire Investigation Level I	New Bedford	31	21	0	3
298A-37-82-20-21-05-24	23	22	1/28/82	Fire Investigation Level II	Civil Topsfield(Defense)	7	3	3	10
097-38-82-20-21-05-24	CANCELLED		4/6/82	Fire Investigation Level II	Fitchburg				
056-39-82-20-00-04-12	27	23	1/4/82	Fire Investigation Level I	Chelmsford	19	3	1	4
072B-40-82-20-21-16-12	55	45	1/30/82	Tactics and Strategy	Dartmouth Dis. #3	10	39	6	0

COURSE NUMBER	ENR.	CERT.	STARTING DATE	SUBJECT	LOCATION	PERM	CALL	VOL	NOT DECLAR
001-41-82-20-21-16-12	53	44	2/3/82	Tactics and Strategy	Abington	30	22	1	0
235-42-82-20-21-16-12	57	51	3/3/82	Tactics and Strategy	Phillipston	5	37	10	5
351-43-82-20-01-06-16	23	21	1/30/82	Vehicle Extrication for the EMT	Yarmouth	10	9	0	4
020-44-82-20-00-04-12	24	17	3/13/82	Fire Investigation Level I	Barnstable	8	13	3	0
074A-45-82-20-01-01-24	41	34	3/3/82	Mini Course	So. Deerfield	0	37	4	0
304-46-82-20-01-20-12	62	62	3/14/82	The Burning Process	Uxbridge	4	58	0	0
074-47-82-20-02-29-12	52	47	4/24/82	Rural Water Supply	Old Deerfield	0	52	0	0
143-48-82-20-02-29-12	75	62	5/15/82	Rural Water Supply	Huntington	0	3	71	1
020-49-82-20-21-05-24	15	13	3/27/82	Fire Investigation Level II	Barnstable	8	7	0	0
020-50-82-20-02-26-12	34	29	5/22/82	Pump Operator Sequential Training	Barnstable	8	23	1	2
020-51-82-20-01-01-24	35	30	6/12/82	Mini Course	Barnstable	0	34	0	1
281-52-82-20-01-21-12	21	13	4/24/82	Protective Breathing	Springfield	7	8	5	1
281-53-82-20-01-23-12	8	5	5/22/82	Engine Company Ladders	Springfield	1	7	0	0
281-54-82-20-01-01-24	19	10	6/12/82	Mini Course	Springfield	0	7	12	0
218-55-82-20-01-21-12	41	33	5/15/82	Protective Breathing	Norton	12	17	3	9
257-56-82-20-01-06-16	45	32	5/22/82	Vehicle Extrication for the EMT	Rutland	4	31	9	1
139-57-82-20-01-06-16	26	18	6/26/82	Vehicle Extrication for the EMT	Hopkinton	10	10		6
240-58-82-20-02-26-12	37	19	4/14/82	Pump Operator Sequential Training	Plympton	7	17	3	10
265-59-82-20-02-26-12	48	32	5/11/82	Pump Operator Sequential Training	Seekonk	3	38	2	5
176-60-82-20-02-27-12			3/24/82	Aerial Ladders	Medford				

[illegible]

COURSE NUMBER	ENR.	CERT.	STARTING DATE	SUBJECT	LOCATION	PERM	CALL	VOL	NOT DECLARED
20-01-82-70-01-03-12	CANCELLED		11/14/81	Flammable Liquids	Barnstable				
29-02-82-70-21-01-12	87	87	11/2/81	Hazardous Materials	Peabody	87	0	0	0
26-03-82-70-21-01-12	30	30	10/6/81	Hazardous Materials	Harwichport	23	7	0	0
25-04-82-70-21-01-05	15	0	11/19/81	Hazardous Materials	Harvard	3	0	12	0
19-05-82-70-21-01-12	23	18	1/9/82	Hazardous Materials	Norwell	13	5	0	5
64-06-82-70-21-01-12	48	39		Hazardous Materials	Scituate	48	0	0	0
65-07-82-70-21-01-12	22	21		Hazardous Materials	Cohasset	22	0	0	0
31-08-82-70-21-01-12	73	55	3/16/82	Hazardous Materials	Hingham	58	15	0	0
42-09-82-70-21-01-12	29	22	3/15/82	Hazardous Materials	Hull	29	0	0	0
16-10-82-70-21-01-12	28	25	3/4/82	Hazardous Materials	Groveland	1	27	0	0
20-11-82-70-21-01-12			4/17/82	Hazardous Materials	Barnstable				
54-12-82-70-21-01-12	CANCELLED		6/5/82	Hazardous Materials	Leverett				
00-13-82-70-21-01-12			6/26//82	Hazardous Materials	Sudbury				
81-14-82-70-21-01-12			5/3/82	The Transportation Problem Hazardous Materials:	Methuen				
89-15-82-70-21-01-12				HAZ. MAT.					
46-16-82-70-21-01-12			6/14/82	HAZ. MAT: TRANSPORTATION	Winthrop				

COURSE NUMBER	ENR.	CERT.	STARTING DATE	SUBJECT	LOCATION	PERM	CALL	VOL	N DEC
400-01-82-16-01-01-06			7/30/81	H. K. Porter Tool Demonstration	Sudbury (Rd. Auto) Post				
400-02-82-16-00-02-08			11/17/81	Scott Aviation Seminar	Sudbury				
400-03-82-16-00-03-08			11/18/81	Scott Aviation Seminar	Sudbury				
188-04-82-16-01-04-06	12	0	9/13/81	Vehicle Extrication (Tools)	Millville	0	0	0	
020-05-82-16-21-16-30	46	26	10/29/81	Strategy for Fireground Company	Barnstable	24	22	0	
213-06-82-16-21-05-03	10	0	9/29/81	Fire Investigation (Arson)	Northboro	3	7	0	
020-07-82-16-21-19-15			9/26/81	Hazardous Materials (The Pesticides Problem)	Barnstable				
067-08-82-16-21-19-24			11/14/81	Hazardous Materials (The Pesticides Problem)	Concord				
281-09-82-16-21-19-06	41	26	2/8/82	Fire Problems for Civil Service Exam	Springfield	0	0	0	
288-10-82-16-21-19-06	94	54	2/13/82	Fire Problems for Civil Service Exam	Sudbury	0	0	0	
176-11-82-16-21-19-06	51	29	2/20/82	Fire Problems for Civil Service Exam	Medford	0	0	0	
218-12-82-16-21-19-06	58	33	2/23/82	Fire Problems for Civil Service Exam	Norton	0	0	0	
241-13-82-16-01-22-06			10/29/82	Large Diameter Hose	Princeton				
400-14-82-16-21-04-16			1/23/82	Fire Incident Management (NFA)	Sudbury				
008A-15-82-16-21-06-12			2/27/82	Hazardous Materials Incident Analysis (NFA)	U MA Amherst				
400-16-82-16-21-05-04			2/2/81	Civil Service Meeting	Sudbury				
020A-17-82-16-02-27-09			1/14/82	Aerial Ladder Refresher	Centerville/ Osterville				
276-18-82-16	CANCELLED				Southboro				
008A-19-82-16-21-01-03			2/1/82	Hazardous Materials (DEQE)	U MA Amherst				
246-20-82-16-21-01-03			2/29/82	Hazardous Materials (DEQE)	Reading				

1600 Account

[illegible]

RECRUIT TRAINING PROGRAMS

FISCAL YEAR: 1982

1000 Account

[illegible]

BASIC SKILLS DEVELOPMENT

LINWOOD LOWELL
DEPUTY DIRECTOR

JO'ANN KASPERSON
CLERK

OFFICE OF BASIC SKILLS DEVELOPMENT

One of the most extensive courses offered by the Massachusetts Firefighting Academy is basic training of firefighters. Without the knowledge of basic firefighting, advanced topics have little purpose during the beginning of a firefighter's early career.

The Recruit training is an intensive semi-military operation, 280 hours in length of which 30% is classroom with the remainder hands-on training putting classroom theory to practical applications as individuals and as a team. As training progresses these same evolutions are repeated under controlled, live fire conditions.

The student is provided a program in accordance with the National Professional Fire Standard 1001 to meet Level II of the Standard. Students will also be qualified as First Responders after successful completion of the program as per Chapter 111C of the General Laws.

A new program has been added to the Basic Recruit Training Program, LNG/LPG Firefighting School, which consists of six hours of gas theory and properties followed by six hours of hands-on training at our Hopkinton site.

Again as in the past, many thanks must be echoed to the area towns and cities for the use of their equipment, pump sites and above all for their continued support of the Academy. A special thanks is also extended to the Post Road Auto Parts for the use of their facility to conduct Car Fires and Vehicle Extrication evolutions.

In the fiscal year 1982, two Recruit classes were held with a total of 51 Recruits graduation.

CITIES AND TOWNS SERVED

Braintree	2	Natick	4
Concord	4	No. Attleboro	3
Clinton	1	Norwood	4
Fairhaven	1	Plainville	2
Foxboro	1	Shrewsbury	1
Framingham	11	Somerville	2
Hudson	1	Stoughton	2
Lexington	1	Sturbridge	2
Ludlow	2	Weston	2
Marlboro	4	Yarmouth	1

LNG/LPG FIREFIGHTING SCHOOL

Perhaps the most ambitious program to date of the Academy is this twelve-hour program designed to train firefighters and prepare them for incidences involving LNG or LPG. In addition to firefighters, members of the gas industry from throughout the country, as well as members of the trucking industry and the U.S. Coast Guard, have sent personnel through the program and plan to continue sending personnel.

The program consists of a six-hour classroom session in which students are made aware of the various properties and potentials of both LNG and LPG, the hardware involved in the storage and transportation of both, and the tactics and strategies involved in terms of approaching and effectively and safely handling an incident of this type. The classroom session is followed by an intensive six-hour practical session in which students are faced with having to control and confine both materials under both fire and non-fire conditions.

The program and facility were officially opened in April of 1979 but is the result of several years cooperation and coordination between the Academy, the NFPA, and various gas industries.

TOTAL.

-27-

	Community	Perm.	Call	Vol.	Total	Remarks
01	Abington	22			22	
09	Andover	04			04	
10	Arlington	07			07	
17	Auburn	09			09	
23A	Hanscom Field	01			01	
24	Belchertown	14			14	
25	Bellingham	01			01	
32	Blackstone	13			13	
35	Boston	10			10	
35A	Logan Airport	07			07	
37	Boxborough	02			02	
40	Braintree	02			02	
43	Brimfield		02	07	09	
45	Brookfield		05	04	09	
46	Brookline	06			06	
49	Cambridge	10			10	
52	Carver		07	03	10	
57	Chelsea	01			01	
67	Concord	08	01		09	
71	Danvers	01			01	
72A	Dartmouth		21		21	
77	Douglas			04	04	
80	Dudley		02		02	
92	Essex		02	01	03	
94	Fairhaven	02			02	

TOTAL:

120

40

19

179

PAGE 1

(26)

LNG/LPG FIREFIGHTING SCHOOL FY-1982

	Community	Perm.	Call	Vol.	Total	Remarks
95	Fall River	67			67	
00	Framingham	07			07	
07	Gloucester	12			12	
10	Grafton		01		01	
27	Hatfield		10	08	18	
35	Holland			02	02	
40	Hubbardston		03		03	
41	Hudson	02			02	
45	Kingston	01	01		02	
46	Lakeville		06		06	
53	Leominster	01			01	
55	Lexington	01			01	
58	Littleton		05	03	08	
61	Ludlow	02			02	
70	Marlborough	08	01		09	
76	Medford	04			04	
77	Medway		01		01	
78	Melrose	01			01	
82	Middleboro	06	07		13	
84	Middleton	04			04	
85	Milford		01		01	
91	Monson		03		03	
98	Natick	01			01	
07	Newton	05			05	
08	Norfolk			07	07	
	TOTAL:	122	39	20	181	

LNG/LPG FIREFIGHTING SCHOOL FY- 1982

	Community	Perm.	Call	Vol.	Total	Remarks
212	North Attleboro	03			03	
215	North Brookfield		05	05	10	
220	Norwood	02			02	
225	Otis		01		01	
227	Palmer		12		12	
229	Peabody	02			02	
238	Plainville	01			01	
239	Plymouth	04	07	01	12	
241	Princeton		16		16	
243	Quincy	01			01	
247	Rehoboth		01		01	
254	Rowley			01	01	
258	Salem	01			01	
262	Saugus	02			02	
265	Seekonk	10	05		15	
273	Somerset	06			06	
274	Somerville	04			04	
276	Southboro	02			02	
277	Southbridge		01	01	02	
282	Sterling		01		01	
284	Stoneham	07			07	
285	Stoughton		01		01	
287	Sturbridge	02	02		04	
304	Uxbridge	01	14		15	
306	Wales			01	01	
	TOTAL:	48	66	09	123	
	PAGE 3					

[illegible]

	Company	Total			
1	Connecticut Natural Gas	05			
2	Distrigas (Alliance Security)	36			
3	Bay State Gas	19			
4	Piedmont Gas	04			
5	Consolidated Edison	08			
6	UFI Corp. - Reading PA	03			
7	Lowell Gas	03			
8	Northeast Utilities	10			
9	Coastal Cryogenic Tank Ship Corp.	04			
10	Algonquin	13			
11	Dorchester Sea III	03			
12	Tennessee Natural Gas	03			
13	Southern Connecticut Gas Co.	02			
14	Haverhill Gas Co.	03			
15	Providence Gas Co.	02			
16	Fall River Gas Co.	02			
17	Boston Gas	01			
18	Commonwealth Gas Co.	01			
19	Manchester Gas Co.	03			
20	Westfield Gas & Electric	02			
21	Worcester Civil Defense	03			
22	Colony Inc.	04			
23	Brooklyn Union	25			
24	Holyoke Gas Co.	04			
25	TransGas	08			

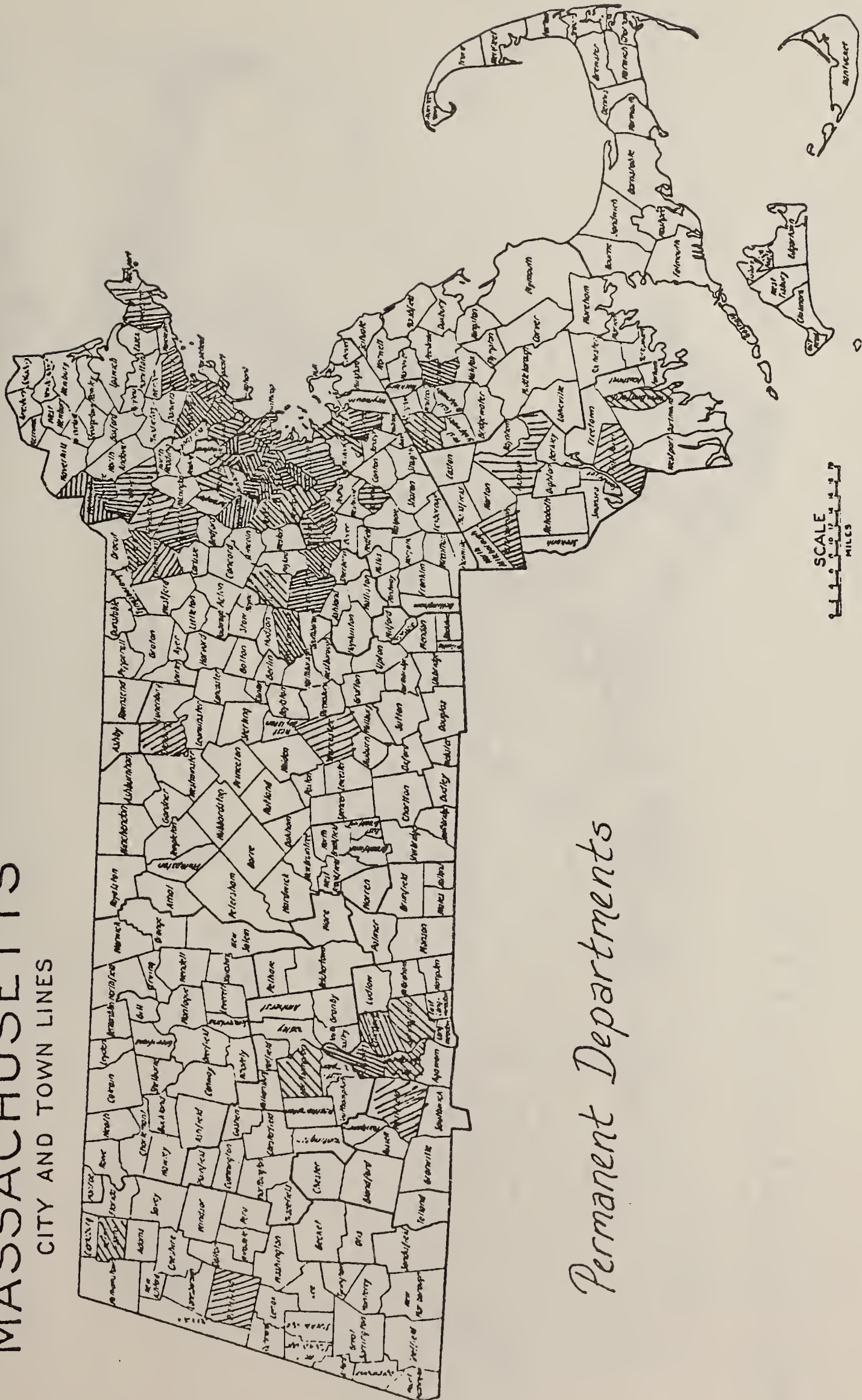
TOTAL:

171

PAGE 5

MASSACHUSETTS

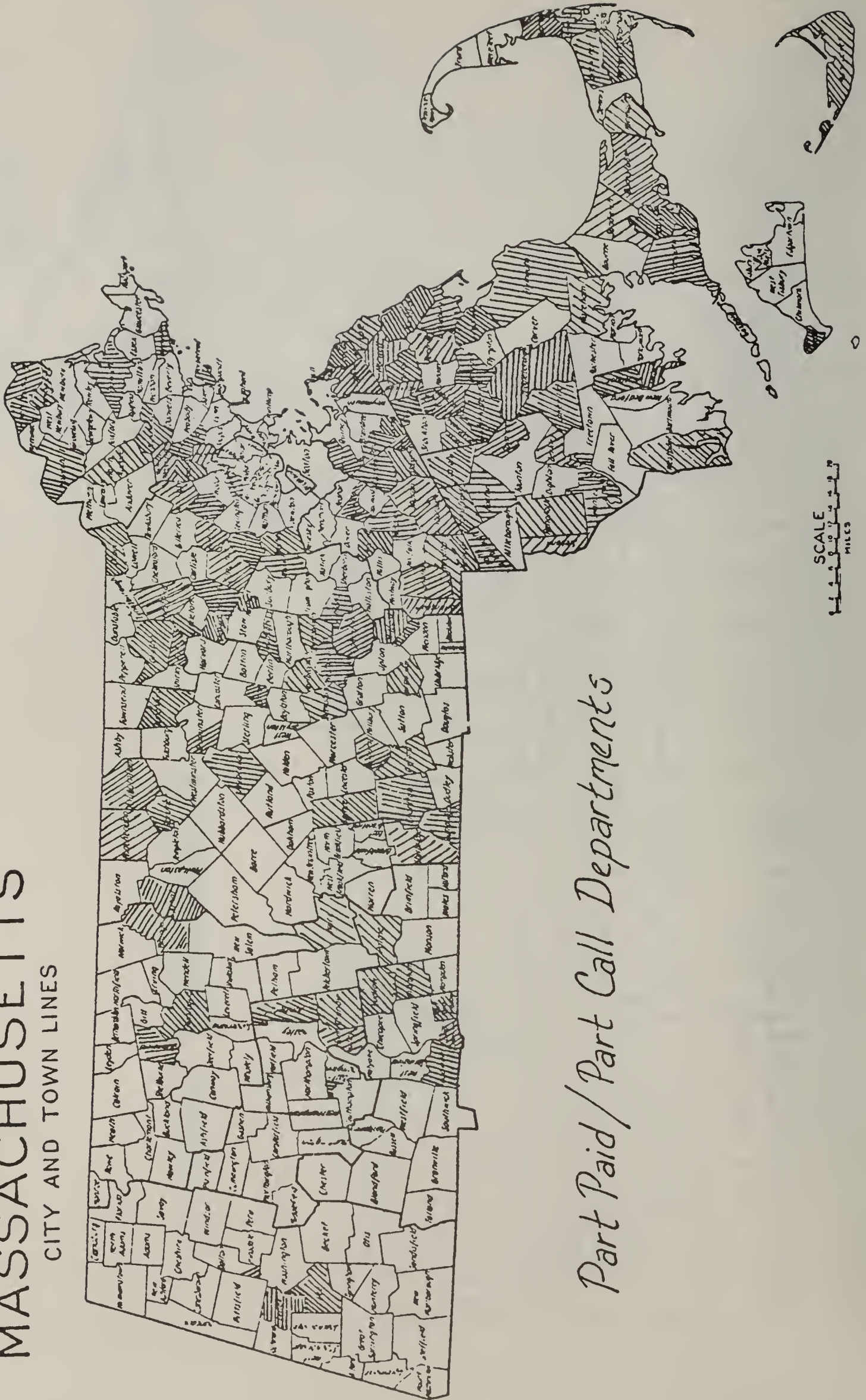
CITY AND TOWN LINES



Permanent Departments

MASSACHUSETTS

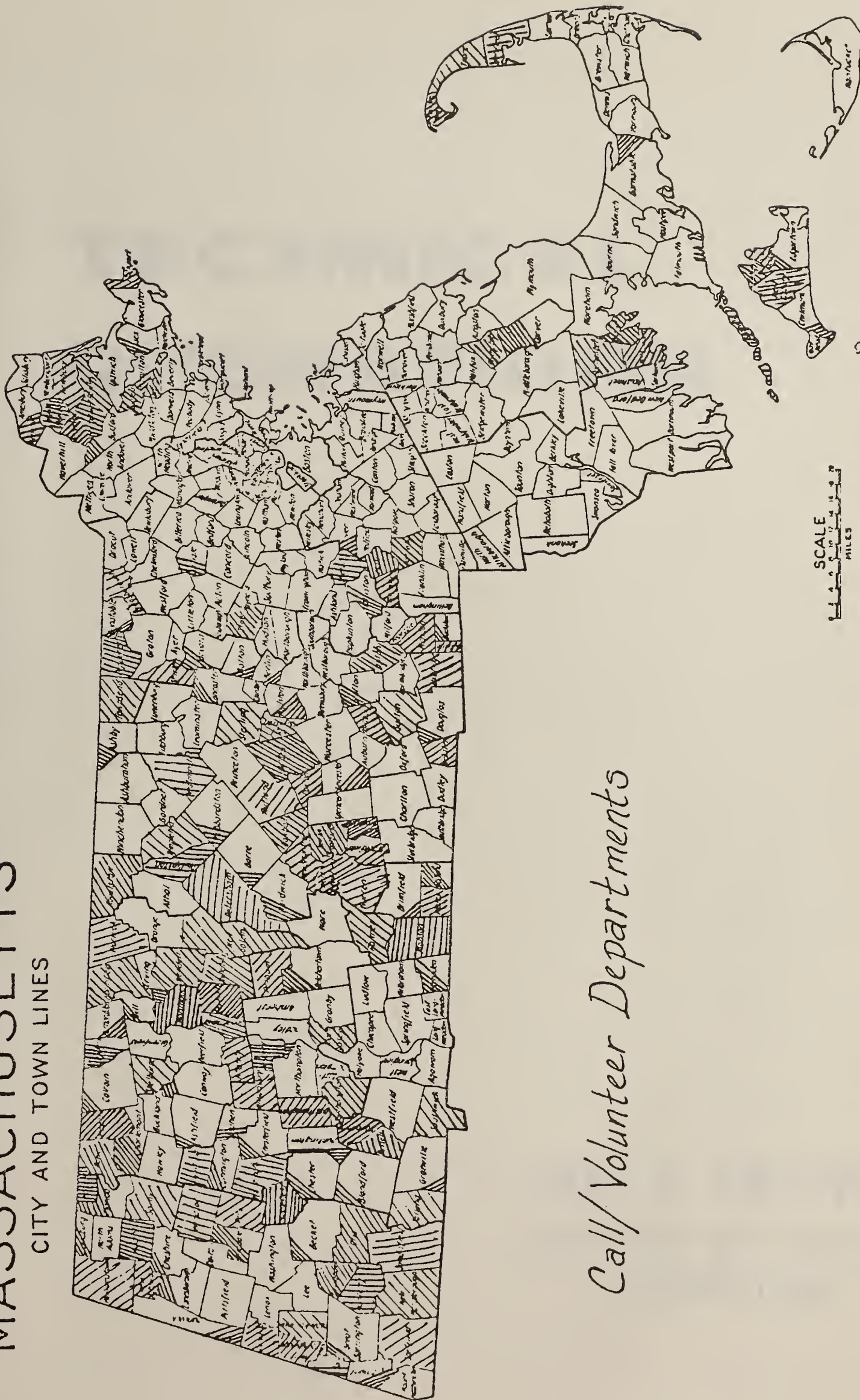
CITY AND TOWN LINES



Part Paid / Part Call Departments

MASSACHUSETTS

CITY AND TOWN LINES



Call/Volunteer Departments

TECHNICAL OPERATIONS

PAUL D. ANDERSON
**DIRECTOR OF TECHNICAL
OPERATIONS**

OFFICE OF TECHNICAL OPERATIONS

Instructor Services: It is most important that the instructors responsible for teaching the various programs of the Academy, regardless of the delivery system, not only be knowledgeable in the particular field with which they are teaching but that they also are effective instructors, familiar with the techniques and tools of teaching.

An Instructor Services Program is maintained to both train new instructors and to support those on staff. The Academy offers a 36-hour methodology course designed to prepare personnel in the rudiments of instructing. Students attending this program do not necessarily go on to become Academy instructors... many training officers for various departments partake of the program to better assist themselves in their job with their department.

This office also holds the responsibility for maintaining, evaluating, and up-grading staff instructors once they have successfully completed the instructors program.

In fiscal year 1982, the Academy held a total of two instructor programs, certifying a total of 36 instructors.

Fire Officer Courses: We are hearing more and more, at conventions, seminars, and in literature published for the fire service, recognized and respected members of the fire community echoing the same philosophy the Massachusetts Firefighting Academy has been proclaiming for some time. Weaknesses in the officer level of the fire service can be broken down into two general categories.

First, our system of promotion is backward. No other occupation comes to mind that promotes an individual and trains later. Unfortunately, most new officers have to fly by the seat of their pants, learning by trial and error experience, trying to learn through whatever training he is fortunate to find on his own. Without prior training the officer may encounter problems and circumstances which when handled improperly may cause irreparable damage to the attitudes, feeling, morale, and finally performance.

Secondly, we have not truly identified the role of the company officer. What little training the officer has been able to receive has usually centered around fighting fires. However, more and more today, authorities are recognizing the need for incorporating behavioral science into officer training, the human element of being a supervisor. Younger employees, better educated than ten years ago, are looking for more opportunities to participate in the decision and policies that affect them. Officers at all levels must be prepared to recognize the needs of the subordinates as they relate to the efficiency of the organization. There is much more of a challenge to being an officer today than a decade ago.

Office of Technical Operations, continued

It is in these general areas that the officer program of the Academy is aimed at expanding to meet the needs of the fire service.

The Academy has designed and offers several programs geared to that leadership perspective. Perhaps the most successful of the officers programs has been "Fire Officer," a 36-hour program to present a wide range of topics pertinent to both current officers and those aspiring to be officers. In fiscal year 1982, the Academy held a total of two officer courses, certifying a total of 34 students.

It is with all these previously mentioned facts in mind, together with an analysis of what would most meet the needs of the Commonwealth's fire service, that Officer II, "Managing Fire Service," has been developed and piloted. The new 24-hour course is designed after a National Fire Academy course, for those individuals with responsibilities for managing various facets of a fire department. Officer II views the basic management techniques applicable to effectively administer a fire department, covering planning, organizing, and controlling, as well as problem solving, and motivating members toward organizational objectives.

We are truly excited about how this course will help present administrators, as well as those preparing for upper level positions, to improve their professional development. Having designed the course from the National Fire Academy's material, the "Train-the-Trainer" policy provides us the privilege of awarding National Fire Academy certificates for the successful completion of this course.

Fire Prevention Course: This new comprehensive course is designed to provide the firefighter with the basic knowledge of the responsibilities and authorities of the fire department in the delivery of fire prevention services to the community. Chapter 148 of the General Laws and the related fire prevention regulations are reviewed. Suggested inspection procedures, guidelines for obtaining code compliance and public fire safety education are all covered in this 12-hour course.

Technical Review Committee: The Technical Review Committee is comprised of five professional full-time municipal fire officers whose responsibility is to advise the Director of Fire Training on current fire department operations and recommend procedures to provide updated training.

Members include: Fire Chief William Hollick of the Hudson Fire Department, retired Deputy Fire Chief Morton D. Shurtleff of the Brockton Fire Department, Deputy Fire Chief Emilio J. Scalesse of the Somerville Fire Department, Deputy Fire Chief Thomas H. Rinoldo of the Framingham Fire Department, and Fire Captain Howard Ferguson of the Boston Fire Department.

Deputy Fire Chief Paul D. Anderson of the Randolph Fire Department serves as ex-officio Chairman in his capacity as Director of Technical Operations for the Academy.

ACME
BOOKBINDING CO., INC.

SEP 6 1990

100 CAMBRIDGE STREET
CHARLESTOWN, MASS.

